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Search Report
EIC 3600

To: Bijendra K. Shrestha
Location: KNX 4A61
Art Unit: 3691
Date: 04/28/2009
Case Serial Number: 10/809662

From: Heidi Myers
Location: EIC3600, KNX 4A70
Phone: (571) 272-2446
heidi.myers@uspto.gov

Search Notes

10/809662
AUTOMATIC BILLING EVENT SUBMISSION RECONCILIATION FOR ON DEMAND SYSTEMS

Dear Examiner Shrestha:

Please find attached the results of your search for the above-referenced case.

Whenever your case appeared in the results, I highlighted it in yellow. Two *potential* references of interest I highlighted in green. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

*EIC-Searcher identified "potential references of interest" are selected based upon their apparent relevance to the terms/concepts provided in the examiner's search request.

I. Inventor Search Results from Dialog

Patent Files

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File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.
File 344:Chinese Patents Abs Jan 1985-2006/Jan
         (c) 2006 European Patent Office
File 347:JAPIO Dec 1976-2008/Oct(Updated 090220)
         (c) 2009 JPO & JAPIO
File 350:Derwent WPIX 1963-2009/UD=200925
         (c) 2009 Thomson Reuters
File 324:GERMAN PATENTS FULLTEXT 1967-200917
         (c) 2009 UNIVENTIO/THOMSON
File 349:PCT FULLTEXT 1979-2009/UB=20090416|UT=20090409
         (c) 2009 WIPO/Thomson
File 348:EUROPEAN PATENTS 1978-200916
         (c) 2009 European Patent Office


Set     Items   Description
S1          5   AU=( SIKSA M? OR SIKSA, M? OR SIKSA (2N)(M OR MARY))
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 1/5/1     (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2009 JPO & JAPIO. All rts. reserv.
06471379     **Image available**
SYSTEM AND METHOD HAVING REINFORCED FUNCTION
PUB. NO.:     2000-056954  [JP 2000056954  A]
PUBLISHED:    February 25, 2000 (20000225)
INVENTOR(s):  SIKSA MARY ELLEN
              POTHOVEN STEVEN
APPLICANT(s): INTERNATL BUSINESS MACH CORP (IBM)
APPL. NO.:    11-201112  [JP 99201112]
FILED:        July 15, 1999 (19990715)
PRIORITY:     119427 [US 98119427], US (United States of America), July 20,
              1998 (19980720)
INTL CLASS:   G06F-009/06; G06F-003/14
```

ABSTRACT

PROBLEM TO BE SOLVED: To support speedy graphical user interface development in object- oriented environment wherein subclass generation is insufficient by judging which of control enhancers is called to process a received event.
SOLUTION: Respective GUI(Graphical User Interface) controls 111 in a window 100 are assigned to plural control enhancers 112. Events are passed to those control enhancers 112 according to a control enhancer list 110 and the respective control enhancers 112 and events are registered in the control enhancer list 110. Then the window 100 once receiving an event passes the event to the control enhancer list 110, which calls a registered control enhancer 112 and stores it in a data storage handler 115.

COPYRIGHT: (C)2000,JPO

DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0015338858 - Drawing available
WPI ACC NO: 2005-689111/200571
XRPX Acc No: N2005-565599
Resource consumption record reconciling method e.g. for electric power, involves aggregating resource consumption records into business records at target site after reconciling records between consumption site and target site
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **SIKSA M E**
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20050216396	A1	20050929	US 2004809662	A	20040325	200571	B

Priority Applications (no., kind, date): US 2004809662 A 20040325

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050216396	A1	EN	14	7	

Alerting Abstract US A1

NOVELTY - The method involves collecting and recording resource consumption at resource consumption sites. The records of resource consumption are reconciled between the resource consumption sites and target site. The reconciled records are aggregated into aggregate business records of resources consumption at the target file.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1.processor system; and
2.signal bearing medium storing program to reconcile records of resources consumption.

USE - For reconciling consumption records of resource e.g. electrical power, into business records at target companies such as coal fired company, gas fired company, hydroelectric company and wind turbine company. Also applicable for resource such as heavy hydrocarbons like asphalt, tar, etc., liquid products like petrol, diesel fuel, kerosene, etc., gaseous hydrocarbons like methane, ethane, etc.

ADVANTAGE - Reconciles feeder records to billing system records.

DESCRIPTION OF DRAWINGS - The figure shows the flowchart showing data collection, data reconciliation and charge data consolidation processes.

Title Terms/Index Terms/Additional Words: RESOURCE; CONSUME; RECORD; METHOD ; ELECTRIC; POWER; AGGREGATE; BUSINESS; TARGET; SITE; AFTER

Class Codes
International Classification (Main): G06F-017/60
ECLA: G06Q-010/00F, G06Q-030/00B
US Classification, Current Main: 705-039000
US Classification, Issued: 70539

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J07A; T01-N01D; T01-N02B1A; T01-S03

 1/5/3   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0010971742 - Drawing available
WPI ACC NO: 2001-595540/200167
XRPX Acc No: N2001-443822
Framework for handling request for services in a client-server computing
environment assigns request to right service-providing entity in server
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: **SIKSA M E**
Patent Family (1 patents, 1 countries)
Patent   Application
Number   Kind Date   Number   Kind   Date   Update
US 6292824   B1 20010918 US 1998119483   A 19980720 200167 B

Priority Applications (no., kind, date): US 1998119483 A 19980720

Patent Details
Number   Kind Lan   Pg Dwg Filing Notes
US 6292824   B1 EN   9   2

  Alerting Abstract US B1
   NOVELTY - The framework includes at least one request object for
receiving service requests. A request flow handler obtains at least one
agent object for handling the requests for services. An agent factory
creates at least one agent object for handling services requests at the
server in response to input from the request flow handler.
   The framework further includes at least one trace agent. A registry
element maintains agent identifier information about the agent.
   DESCRIPTION - INDEPENDENT CLAIMS are included for a method for utilizing
a framework.
   USE - For client-server computer relationships.
   ADVANTAGE - Facilitates rapid development and enhancement of
client-server applications without requiring re-programming at the server.
Allows specific function of new application to be implemented without the
need for coding in new classes for those functions.
   DESCRIPTION OF DRAWINGS - The figure shows the framework design.

Title Terms/Index Terms/Additional Words: FRAMEWORK; HANDLE; REQUEST;
  SERVICE; CLIENT; SERVE; COMPUTATION; ENVIRONMENT; ASSIGN; RIGHT; ENTITY

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
  H04L-0029/06 A I   R 20060101
  H04L-0029/06 C I   R 20060101
ECLA: H04L-029/06
US Classification, Issued: 709202, 709203
File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-F05A; T01-F07; T01-H07C5E; T01-H07C5S;
  T01-J05B2; T01-M02A1B

1/5/4   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0009827167 - Drawing available
WPI ACC NO: 2000-118617/200011
XRPX Acc No: N2000-089904
System for providing enhanced functionality for handling each event of at least one event received by window object having a plurality of window controls
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: POTHOVEN S; **SIKSA M E**
Patent Family (5 patents, 28 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
EP 977117	A2	20000202	EP 1999305330	A	19990705	200011	B
JP 2000056954	A	20000225	JP 1999201112	A	19990715	200021	E
KR 2000011602	A	20000225	KR 199927671	A	19990709	200102	E
KR 351535	B	20020910	KR 199927671	A	19990709	200316	E
US 7062773	B1	20060613	US 1998119427	A	19980720	200639	E

Priority Applications (no., kind, date): US 1998119427 A 19980720

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 977117	A2	EN	12	4	

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR
   IE IT LI LT LU LV MC MK NL PT RO SE SI

JP 2000056954	A	JA	14		
KR 2000011602	A	KO		6	
KR 351535	B	KO			Previously issued patent KR 2000011602

  Alerting Abstract EP A2
  NOVELTY - A number of control enhancers is used, each providing an interface to a one specific control for the window object. A list of the control enhancers is provided for determining which of the number of control enhancers to invoke to handle the received event.
  DESCRIPTION - INDEPENDENT CLAIMS are included for:

  1.a method for providing enhanced functionality of window control in response to at least one event received at the window
  2.a computer program product including program codes for performing the claimed method

  USE - In computer user interactions such as graphical user interfaces.
  ADVANTAGE - Allows building a GUI application in less time than it would take to write special code for each control function. Thus the programmer can develop a set of reusable tools specifically geared toward the special needs of a given application. Existing controls, whether native or enhanced by a compiler vendor or by a third party, could participate in the design as well.
  DESCRIPTION OF DRAWINGS - The drawing illustrates a system in accordance with an embodiment of the present invention.

Title Terms/Index Terms/Additional Words: SYSTEM; ENHANCE; FUNCTION; HANDLE ; EVENT; ONE; RECEIVE; WINDOW; OBJECT; PLURAL; CONTROL

Class Codes

International Classification (Main): G06F-003/14
International Classification (+ Attributes)
IPC + Level Value Position Status Version
  G06F-0003/048 A I L R 20060101
  G06F-0003/14   A I F R 20060101
  G06F-0009/00   A I F B 20060101
  G06F-0009/06   A I L R 20060101
  G06F-0009/44   A I   R 20060101
  G06F-0003/048 C I L R 20060101
  G06F-0003/14   C I F R 20060101
  G06F-0009/00   C I L B 20060101
  G06F-0009/06   C I L R 20060101
  G06F-0009/44   C I   R 20060101
ECLA: G06F-009/44G4W
US Classification, Current Main: 719-329000; Secondary: 715-744000,
715-762000, 715-803000, 717-101000
US Classification, Issued: 719329, 715744, 715762, 715803, 717101
File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-F05D; T01-J12B1; T01-J20B1

 1/5/5   (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2009 European Patent Office. All rts. reserv.
01115553
System and method for providing graphical user interface control enhancers
System und Verfahren zum Verschaffen von Verbesserungsroutinen fur
    graphische Benutzerschnittstellenkontrollen
Systeme et procede pour fournir des routines d'amelioration pour les
    elements de commande d'une interface utilisateur graphique
PATENT ASSIGNEE:
  International Business Machines Corporation, (200128), New Orchard Road,
    Armonk, NY 10504, (US), (Applicant designated States: all)
INVENTOR:
  Siksa , Mary Ellen, c/o IBM United Kingdom Ltd., Int. Prop. Law,
    Hursley Park, Winchester, Hampshire SO21 2JN, (GB)
  Pothoven, Steven, c/o IBM United Kingdom Ltd., Int. Prop. Law, Hursley
    Park, Winchester, Hampshire SO21 2JN, (GB)
LEGAL REPRESENTATIVE:
  Litherland, David Peter (75471), IBM United Kingdom Limited Intellectual
    Property Department Hursley Park, Winchester, Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 977117 A2 000202 (Basic)
                              EP 977117 A3 051102
APPLICATION (CC, No, Date):   EP 99305330 990705;
PRIORITY (CC, No, Date): US 119427 980720
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
  LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): G06F-009/44

ABSTRACT EP 977117 A2
    A software application system and method aids in rapid graphical user
  interface (GUI) development in object-oriented development environments
  where sub-classing (buttons, list boxes, edit controls, etc.) provided by
  the compiler or a GUI toolkit are not appropriate. While the invention
  was motivated by the environment stated above, it can be used in any

object-oriented GUI programming environment. This invention provides a
method for adding functionality to native controls including, but not
limited to: initializing the control with data or other settings;
retrieving data from the control; formatting the data; validating the
data entered; storing validated data in files or databases; handling
multiple controls to create the illusion of a single control; and,
establishing relationships between controls. The inventive system and
method comprises a set of building blocks referred to as control
enhancers, each including a data storage, a data initializer, a data
finalizer, and means for maintaining and acting upon control
relationships between the control enhancer and other control enhancers
for related controls.
ABSTRACT WORD COUNT: 164
NOTE: Figure number on first page: 1
LEGAL STATUS (Type, Pub Date, Kind, Text):
 Search Report: 051102 A3 Separate publication of the search report
 Application: 20000202 A2 Published application without search report
 Change: 060705 A2 Title of invention (French) changed: 20060705
 Change: 060705 A2 Title of invention (English) changed: 20060705
 Change: 060705 A2 Title of invention (German) changed: 20060705
 Change: 060215 A2 Title of invention (German) changed: 20060215
 Change: 060215 A2 Title of invention (English) changed: 20060215
 Change: 060215 A2 Title of invention (French) changed: 20060215
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text   Language   Update   Word Count
      CLAIMS A (English) 200005   789
      SPEC A   (English) 200005   3887
Total word count – document A   4676
Total word count – document B   0
Total word count – documents A + B   4676

NPL Files

File 610:Business Wire 1999-2009/Apr 28
        (c) 2009 Business Wire.
File 613:PR Newswire 1999-2009/Apr 28
        (c) 2009 PR Newswire Association Inc
File 634:San Jose Mercury Jun 1985-2009/Apr 26
        (c) 2009 San Jose Mercury News
File 810:Business Wire 1986-1999/Feb 28
        (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
        (c) 1999 PR Newswire Association Inc
File 20:Dialog Global Reporter 1997-2009/Apr 28
        (c) 2009 Dialog
File 9:Business & Industry(R) Jul/1994-2009/Apr 25
        (c) 2009 Gale/Cengage
File 15:ABI/Inform(R) 1971-2009/Apr 25
        (c) 2009 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2009/Apr 07
        (c) 2009 Gale/Cengage
File 148:Gale Group Trade & Industry DB 1976-2009/Apr 14
        (c) 2009 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989

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              (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2009/Apr 02
              (c) 2009 Gale/Cengage
File 621:Gale Group New Prod.Annou.(R) 1985-2009/Mar 23
              (c) 2009 Gale/Cengage
File 636:Gale Group Newsletter DB(TM) 1987-2009/Apr 07
              (c) 2009 Gale/Cengage
File 624:McGraw-Hill Publications 1985-2009/Apr 28
              (c) 2009 McGraw-Hill Co. Inc
File 626:Bond Buyer Full Text 1981-2008/Jul 07
              (c) 2008 Bond Buyer
File 484:Periodical Abs Plustext 1986-2009/Apr W3
              (c) 2009 ProQuest
File  47:Gale Group Magazine DB(TM) 1959-2009/Apr 17
              (c) 2009 Gale/Cengage
File 268:Banking Info Source 1981-2009/Apr W2
              (c) 2009 ProQuest Info&Learning
File 267:Finance & Banking Newsletters 2008/Sep 29
              (c) 2008 Dialog
File 625:American Banker Publications 1981-2008/Jun 26
              (c) 2008 American Banker
File 485:Accounting & Tax DB 1971-2009/Apr W3
              (c) 2009 ProQuest Info&Learning
File  75:TGG Management Contents(R) 86-2009/Mar W5
              (c) 2009 Gale/Cengage
File 139:EconLit 1969-2009/Apr
              (c) 2009 American Economic Association
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
              (c) 2002 Gale/Cengage
File 474:New York Times Abs 1969-2009/Apr 28
              (c) 2009 The New York Times
File 475:Wall Street Journal Abs 1973-2009/Apr 28
              (c) 2009 The New York Times
File  35:Dissertation Abs Online 1861-2009/Mar
              (c) 2009 ProQuest Info&Learning


File  65:Inside Conferences 1993-2009/Apr 28
              (c) 2009 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2009/Feb
              (c) 2009 The HW Wilson Co.
File 256:TecInfoSource 82-2009/Feb
              (c) 2009 Info.Sources Inc
File   2:INSPEC 1898-2009/Apr W1
              (c) 2009 Institution of Electrical Engineers
File 553:Wilson Bus. Abs. 1982-2009/Apr
              (c) 2009 The HW Wilson Co
File 103:Energy SciTec 1974-2009/Apr B1
              (c) 2009 Contains copyrighted material


Set     Items    Description
S1          0    AU=( SIKSA M? OR SIKSA, M? OR SIKSA (2N)(M OR MARY)) OR BY=
                 SIKSA (2N)(M OR MARY)
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No author matches.

II. Text Search Results from Dialog

A. Patent Files, Abstract

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File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.
File 344:Chinese Patents Abs Jan 1985-2006/Jan
         (c) 2006 European Patent Office
File 347:JAPIO Dec 1976-2008/Oct(Updated 090220)
         (c) 2009 JPO & JAPIO
File 350:Derwent WPIX 1963-2009/UD=200925
         (c) 2009 Thomson Reuters


Set     Items   Description
S1    2127900   (RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY -
                 OR TELEPHONE OR GAS OR ENERGY OR COAL OR HYDROELECTRIC OR LIQ-
                 UID(1N)(PRODUCT?? OR FUEL??))(10N)(CONSUM??? OR CONSUMPTION OR
                 USE OR USES OR USED OR USING OR USAGE OR UTILIZ?)
S2      21665   (RECONCIL? OR SETTL??? OR SETTLEMENT??  OR RESOVL??? OR RE-
                 SOLUTION?? OR BALANC???)(S)(RECORD OR RECORDS OR NOTICE OR NO-
                 TICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEMENTS
                 OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S3       1298   S2(5N)(AUTOMATIC OR AUTOMATICALLY OR AUTOMATED)
S4      64696   (NOTIFY??? OR NOTIFIE?? OR NOTIFICATION?? OR ALERT??? OR W-
                 ARN??? OR INFORM???)(S)(ERROR?? OR MISTAKE?? OR PROBLEM?? OR -
                 INACCURACY OR INACCURACIES OR INCONSISTENCY OR INCONSISTENCIES
                 OR CORRUPT???)
S5     255650   FEEDER OR FEEDERS OR (POWER OR DISTRIBUTION)(5N)(LINE OR L-
                 INES) OR POWERLINE??
S6     546690   (RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY -
                 OR TELEPHONE OR GAS OR ENERGY)(5N)(LOCATION?? OR SITE OR SITES
                 OR SOURCE OR SOURCES OR SUPPLIER OR SUPPLIERS)
S7      52987   (AGGREGAT? OR COMBIN??? OR COMBINATION?? OR ASSEMBL? OR CO-
                 LLECT????? OR AMASS????)(S)(RECORD OR RECORDS OR NOTICE OR NO-
                 TICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEMENTS
                 OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S8     400468   (COMPAR??? OR COMPARISON?? OR EVALUAT? OR EXAMIN? OR ANALY-
                 Z? OR ANALYS? OR MEASUR?)(S)(TOTAL OR TOTALS OR NUMBER OR NUM-
                 BERS OR TALLY OR TALLIES OR COUNT OR COUNTS)
S9        182   S1 AND S3
S10        34   S9 AND IC=(G06F-017/60 OR G06F-0017/60)
S11        27   S9 AND MC=(T01-J07A OR  T01-N01D OR T01-N02B1A OR T01-S03)
S12         4   S1 AND S3 AND S4
S13        12   S3 AND S4 AND (S5 OR S6 OR S7 OR S8)
S14         7   S3 AND S6 AND S7
S15        17   S13 OR S14
S16         7   S15 AND IC=G06F
S17         8   S15 AND DC=T01
S18        64   S10:S12 OR S16 OR S17
S19         8   S10 AND S11
S20        47   S10 OR S12 OR S16 OR S17 OR S19
S21        33   S20 AND AY=1900:2004
S22        33   IDPAT (sorted in duplicate/non-duplicate order)
S23        33   IDPAT (primary/non-duplicate records only)
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23/5/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0015848150 - Drawing available
WPI ACC NO: 2006-045879/200605
XRPX Acc No: N2006-039384
Financial transaction method for settlement of electricity bill, involves transmitting payment information obtained from bill, to host provider for settlement of bill by referring to customer's bank account
Patent Assignee: ZAIR K (ZAIR-I)
Inventor: ZAIR K
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20050278250	A1	20051215	US 2004864370	A	20040610	200605	B

Priority Applications (no., kind, date): US 2004864370 A 20040610

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20050278250	A1	EN	9	1	

  Alerting Abstract US A1
   NOVELTY - The method involves receiving customer information and a bill from a customer (100), at an agent computer system (106). The bill is scanned and processed to obtain the information for paying a creditor (103) such as utility company. The payment information is transmitted to a host provider (104) for settlement of the bill by referring to the bank account of customer.
   DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

   1. apparatus for performing financial transaction;
   2. computer system for performing financial transaction; and
   3. computer readable medium storing program for performing financial
      transaction.

   USE - For performing financial transaction for settlement of **utility** bill such as **electricity , gas** or **telephone** bill.
   ADVANTAGE - Scans customer bills electronically irrespective of the different layouts of **each bill , automatically** and formats the payment information efficiently, **for appropriate settlement .**
   DESCRIPTION OF DRAWINGS - The figure shows a block diagram of a computerized transaction processing system.
   100 customer
   103 creditor
   104 host provider
   105 scanner
   106 agent computer system

Title Terms/Index Terms/Additional Words: FINANCIAL; TRANSACTION; METHOD;
  SETTLE; ELECTRIC; BILL; TRANSMIT; PAY; INFORMATION; OBTAIN; HOST; REFER;
  CUSTOMER; BANK; ACCOUNT

Class Codes
International Classification (Main): **G06F-017/60**
ECLA: G06Q-020/00K1, G06Q-020/00K2B, G06Q-020/00K3C, G06Q-030/00B
US Classification, Current Main: 705-039000

US Classification, Issued: 70539
File Segment: EPI;
DWPI Class: T01; T05
Manual Codes (EPI/S-X): T01-C06; T01-J10B2A; T01-N01A1; **T01-S03** ; T05-L02

 23/5/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0015814223 - Drawing available
WPI ACC NO: 2006-370281/200638
System for offering frequent deposit/withdrawal and automatic transfer
service **allowing** settlement service using **earning stock account**
Patent Assignee: SAMSUNG SECURITIES CO LTD (SMSU)
Inventor: HWANG Y K
Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
KR 2005035543	A	20050419	KR 200370454	A	20031010	200638	B
KR 585018	B1	20060530	KR 200370454	A	20031010	200913	E

Priority Applications (no., kind, date): KR 200370454 A 20031010

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 2005035543	A	KO		1	
KR 585018	B1	KO		1	Previously issued patent KR 2005035543

 Alerting Abstract KR A
 NOVELTY - A system for offering a frequent deposit/withdrawal and
automatic transfer **service** allowing a **settlement service using** an
earning stock **account** is provided to **automatically** buy earning stock
without a separate request if money is deposited to the earning stock
account through deposit or salary transfer of a user, and pay the money
through automatic repurchase of the earning stock if withdrawal is
requested.
 DESCRIPTION - A security cooperation computer(100) stores earning stock
account information of each user and **automatically** buys the earning
stock with the money inputted to the earning stock account if deposit data
is received. If withdrawal data or automatic transfer request data is
inputted, the security cooperation computer withdraws the money by
automatically repurchasing the earning stock in case that balance is short.
A cooperated bank server(200) has a virtual account linked with the earning
stock account of a security cooperation, and informs the user of a deposit
result or pays the money based on control of the security cooperation
computer after outputting deposit/withdrawal data according to manipulation
of the user to the security cooperation computer.

Title Terms/Index Terms/Additional Words: SYSTEM; OFFER; FREQUENT; DEPOSIT;
  WITHDRAW; AUTOMATIC; TRANSFER; SERVICE; ALLOW; SETTLE; STOCK; ACCOUNT
Class Codes
International Classification (Main): **G06F-017/60**
International Classification (+ Attributes)
IPC + Level Value Position Status Version
  G06Q-0040/00 A I F R 20060101
  G06Q-0040/00 C I F R 20060101

File Segment: EPI;
DWPI Class: T01; T05
Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2F; T01-N02A3C; T05-L02

 23/5/6   (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0015420891 - Drawing available
WPI ACC NO: 2005-767606/200578
XRPX Acc No: N2005-633780
**Legal expenses track and approval method in legal budgeting system,
involves validating approval invoice amount, by comparing budgeted amount
with invoice amount and reconciling approval amount with recorded amount**
Patent Assignee: ABBOTT P H (ABBO-I); AMONE C K (AMON-I); HUSSEY P A
  (HUSS-I); NARAYANAN G (NARA-I); OBRIEN-GILBERT P (OBRI-I); PEARSON J
  (PEAR-I); RAMASWAMY P (RAMA-I)
Inventor: ABBOTT P H; AMONE C K; HUSSEY P A; NARAYANAN G; OBRIEN-GILBERT P;
  PEARSON J; RAMASWAMY P
Patent Family (1 patents, 1 countries)
Patent   Application
Number   Kind   Date   Number   Kind   Date   Update
US 20050246274   A1   20051103 US 2004838000   A   20040503   200578 B

Priority Applications (no., kind, date): US 2004838000 A 20040503

Patent Details
Number   Kind Lan   Pg Dwg Filing Notes
US 20050246274   A1   EN   78   51

  Alerting Abstract US A1
  NOVELTY - The approved invoice amount is validated, by comparing the
budgeted amount created including the legal matter purchase order for legal
work, with the invoice amount received with invoice data from the outside
counsel for legal work. The approval amount paid to the counsel, is
reconciled with the amount recorded in the sub-ledger accounting system of
the business entity.
  DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

  1.network based system for tracking and approving legal expenses; and
  2.computer program for tracking and approving legal expenses.

  USE - For tracking and approving legal expenses incurred by business
entity using legal budgeting system.
  ADVANTAGE - Reduces the transaction cost for business entity and time.
  DESCRIPTION OF DRAWINGS - The figure shows a flowchart explaining the
legal expenses track and approval process.

Title Terms/Index Terms/Additional Words: LEGAL; EXPENSE; TRACK; APPROVE;
  METHOD; SYSTEM; VALID; INVOICING; AMOUNT; COMPARE; RECORD

Class Codes
International Classification (Main): **G06F-017/60**
ECLA: G06Q-030/00C
US Classification, Current Main: 705-040000
US Classification, Issued: 70540

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2E; **T01-S03**

 23/5/7   (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0015338858 - Drawing available
WPI ACC NO: 2005-689111/200571
XRPX Acc No: N2005-565599
 Resource consumption **record reconciling method e.g. for electric** power
, involves aggregating resource consumption records **into business**
records **at target site after reconciling** records **between consumption**
site and target site
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: SIKSA M E
Patent Family (1 patents, 1 countries)
Patent   Application
Number   Kind   Date   Number   Kind   Date   Update
US 20050216396   A1   20050929 US 2004809662   A   20040325 200571 B

Priority Applications (no., kind, date): US 2004809662 A 20040325

Patent Details
Number   Kind Lan   Pg Dwg Filing Notes
US 20050216396   A1 EN   14   7

  Alerting Abstract US A1
  NOVELTY - The method involves **collecting** and recording **resource**
consumption at resource consumption sites. The records of **resource**
consumption are reconciled between the **resource   consumption   sites**
and target **site** . The reconciled **records** are **aggregated** into
aggregate business **records** of **resources   consumption** at the target
file.
  DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

  1.processor system; and
  2.signal bearing medium storing program to reconcile records of
    resources   consumption .

   USE - For reconciling **consumption** records of **resource** e.g.
electrical   power , into **business** records at target **companies** such as
coal fired company, gas fired company, hydroelectric company and wind
turbine company. Also applicable for resource such as heavy hydrocarbons
like asphalt, tar, etc., liquid products like petrol, diesel fuel,
kerosene, etc., gaseous hydrocarbons like methane, ethane, etc.
  ADVANTAGE - Reconciles **feeder   records** to **billing** system **records** .
  DESCRIPTION OF DRAWINGS - The figure shows the flowchart showing data
collection , data reconciliation and charge data **consolidation** processes.

Title Terms/Index Terms/Additional Words: RESOURCE; CONSUME; **RECORD** ;
  METHOD; ELECTRIC; POWER; **AGGREGATE** ; BUSINESS; TARGET; SITE; AFTER

Class Codes
International Classification (Main): **G06F-017/60**
ECLA: G06Q-010/00F, G06Q-030/00B
US Classification, Current Main: 705-039000
US Classification, Issued: 70539
File Segment: EPI;
DWPI Class: **T01**
Manual Codes (EPI/S-X): **T01-J07A ; T01-N01D ; T01-N02B1A ; T01-S03**

 23/5/10   (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0014214568 - Drawing available
WPI ACC NO: 2004-400313/200437
XRPX Acc No: N2004-319100
Order acceptance/settling system claims financial institution to settle cost of purchase commodity according to order information received through facsimile
Patent Assignee: OKI ELECTRIC IND CO LTD (OKID); HASEBE S (HASE-I);
  KURODA M (KURO-I); NISHIO M (NISH-I)
Inventor: HASEBE S; KURODA M; NISHIO M; NISHIO Y
Patent Family (6 patents, 30 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2004040493	A1	20040513	WO 2003JP13862	A	20031029	200437	B
JP 2004151992	A	20040527	JP 2002316282	A	20021030	200441	E
US 20060116889	A1	20060601	US 2005532665	A	20050427	200637	E
			WO 2003JP13862	A	20031029		
CN 1720543	A	20060111	CN 200380104757	A	20031029	200639	E
KR 2005061577	A	20050622	KR 2005707389	A	20050428	200641	E
			WO 2003JP13862	A	20031029		
JP 4207534	B2	20090114	JP 2002316282	A	20021030	200907	E

Priority Applications (no., kind, date): JP 2002316282 A 20021030

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2004040493	A1	JA	47	8	

National Designated States,Original: CN KR US
Regional Designated States,Original: AT BE BG CH CY CZ DE DK EE ES FI FR
  GB GR HU IE IT LU MC NL PT RO SE SI SK TR

JP 2004151992	A	JA	20		
US 20060116889	A1	EN			PCT Application WO 2003JP13862
KR 2005061577	A	KO			PCT Application WO 2003JP13862
					Based on OPI patent WO 2004040493
JP 4207534	B2	JA	20		Previously issued patent JP 2004151992

  Alerting Abstract WO A1
  NOVELTY - A service center (20) transmits order information received from a facsimile of buyer (12) to a facsimile of supplier (14), claims financial institution (40) to settle the cost of the purchase commodity or service according to order information, and transmits a report regarding settlement to the facsimile of buyer and supplier.
  USE - For **automatically** accepting and **settling** order for purchase commodity and **service** , that is received through facsimile.

ADVANTAGE - The supplier need not have to send the account or to confirm the reception of the payment. The buyer need not have to confirm the account or to transfer the cost to the supplier's account. The settlement cost is less, system is simple and security is high.

DESCRIPTION OF DRAWINGS - The figure shows a schematic view of the facsimile order acceptance/order settlement system. (Drawing includes non-English language text).

11buyer
12facsimile of buyer
13supplier
14facsimile of supplier
20facsimile order acceptance/order settling service center
40financial institution

Title Terms/Index Terms/Additional Words: ORDER; ACCEPT; SETTLE; SYSTEM; CLAIM; FINANCIAL; INSTITUTION; COST; PURCHASE; COMMODITY; ACCORD; INFORMATION; RECEIVE; THROUGH; FACSIMILE

Class Codes
International Classification (Main): **G06F-017/60**
International Classification (+ Attributes)

IPC +	Level	Value	Position	Status	Version
G06Q-0020/00	A	I	F	B	20060101
G06Q-0020/00	A	I		R	20060101
G06Q-0030/00	A	I	F	B	20060101
G06Q-0030/00	A	I	L	B	20060101
G06Q-0030/00	A	I		R	20060101
G06Q-0040/00	A	I		R	20060101
G06Q-0050/00	A	I	L	B	20060101
G06Q-0050/00	A	I	L	R	20060101
G06Q-0099/00	A	I	F	B	20060101
G06Q-0020/00	C	I	F	B	20060101
G06Q-0020/00	C	I		R	20060101
G06Q-0030/00	C	I	F	B	20090101
G06Q-0030/00	C	I	L	B	20060101
G06Q-0030/00	C	I		R	20060101
G06Q-0040/00	C	I		R	20060101
G06Q-0050/00	C	I	L	B	20090101
G06Q-0050/00	C	I	L	R	20060101
G06Q-0099/00	C	I	L	B	20060101

ECLA: G06Q-020/00K1, G06Q-020/00K2B, G06Q-030/00B, G06Q-040/00A
US Classification, Current Main: 705-001000
US Classification, Issued: 7051
JP Classification

FI Term	Facet	Rank	Type
G06F-017/60	ZEC		
G06F-017/60	318	G	

F-Term Theme	View Point + Figure	Additional Code
5B049		

File Segment: EPI;
DWPI Class: T01; W02
Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2A; W02-J03C8; W02-J08

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 23/5/11      (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0014161898  - Drawing available
WPI ACC NO: 2004-346905/200432
XRPX Acc No: N2004-277514
```
Automatic account tracking and balancing method for utility
organization, involves creating discrepancy and settlement reports for each
service provider based on calculated account receivable
```
Patent Assignee: OWEN E  (OWEN-I); BELLSOUTH INTELLECTUAL PROPERTY CORP
   (BELL-N)
Inventor: OWEN E
```
Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 20040073500	A1	20040415	US 2000728705	A	20001201	200432	B
US 7146332	B2	20061205	US 2000728705	A	20001201	200680	E

```
Priority Applications (no., kind, date): US 2000728705  A  20001201
```

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20040073500	A1	EN	12	4	

  Alerting Abstract US A1
  NOVELTY - A billing data file comprising customer account records with
respect to a service provider, is submitted to a processing entity. The
records are separated into several tracking data sets and total amount of
account receivable in each data set is computed. A discrepancy report and
settlement report are created for each service provider based on processed
and pre-processed account receivables.
  DESCRIPTION - An INDEPENDENT CLAIM is also included for **automatic**
account tracking and **balancing** system.
  USE - For **automatic account** tracking and **balancing** with respect to
organization related to utilities, telecommunication, communication service
provision, retail institutions and credit organization.
  ADVANTAGE - Since processing entities performs **automatic account**
tracking, manual errors are reduced.
  DESCRIPTION OF DRAWINGS - The figure shows the flowchart of **automatic**
account tracking and **balancing** process.

Title Terms/Index Terms/Additional Words: AUTOMATIC; ACCOUNT; TRACK;
  BALANCE; METHOD; UTILISE; ORGANISE; DISCREPANCY; SETTLE; REPORT; SERVICE;
  BASED; CALCULATE; RECEIVE

Class Codes
International Classification (+ Attributes)

IPC +	Level	Value	Position	Status	Version
G06Q-0030/00	A	I		R	20060101
G06Q-0040/00	A	I		R	20060101
G07B-0017/00	A	I	F	B	20060101
G06Q-0030/00	C	I		R	20060101
G06Q-0040/00	C	I		R	20060101
G07B-0017/00	C	I	F	B	20060101

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ECLA: G06Q-030/00B, G06Q-040/00A
ICO:  T04M-215:01K, T04M-215:52, T04M-215:54
US Classification, Current Main: 705-030000
US Classification, Issued: 70530, 70530
```

File Segment: EPI;
DWPI Class: **T01** ; T05
Manual Codes (EPI/S-X): T01-J05A1; T01-J05A2; T01-J05B4P; T01-N01A1;
  T01-N01A2A; T01-N03A2; T05-H05C; T05-L02

 23/5/13   (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0013901488 – Drawing available
WPI ACC NO: 2004-080913/200408
XRPX Acc No: N2004-064613
**Online client account management method involves reconciling bank accounts
of clients by administrators on daily basis, after comparing accounting
information with information downloaded from bank's server**
Patent Assignee: SECOLA A F (SECO-I)
Inventor: SECOLA A F
Patent Family (1 patents, 1 countries)
Patent   Application
Number   Kind   Date   Number   Kind   Date   Update
US 20030225638   A1   20031204 US 2002114444   A   20020528 200408 B

Priority Applications (no., kind, date): US 2002114444 A 20020528

Patent Details
Number   Kind Lan   Pg Dwg Filing Notes
US 20030225638   A1   EN   16   5

  Alerting Abstract US A1
  NOVELTY – The generation of automatic call from an administrator's
server, downloads an electronic file having accounts information of a
client from a bank's server. The accounting information stored in the
administrator's server, is compared with the downloaded information, and
the results are displayed on the Internet, so that the bank accounts of the
clients are reconciled on a daily basis by the administrators.
  USE – For outsourcing accounting **services** through Internet, in
business applications.
  ADVANTAGE – Does not require employees, licenses, integration from
client's side, and permits the user to access the application service
provider without paying for the software.
  DESCRIPTION OF DRAWINGS – The figure shows a schematic view of the
structure of cash summary module.
    11 available balance
    12 outstanding checks
    14 undefined withdrawals(15) manual checks
    17 deposit slips

Title Terms/Index Terms/Additional Words: CLIENT; ACCOUNT; MANAGEMENT;
  METHOD; BANK; DAILY; BASIS; AFTER; COMPARE; INFORMATION; SERVE
Class Codes
International Classification (Main): **G06F-017/60**
ECLA: G06Q-010/00F, G06Q-040/00A
US Classification, Current Main: 705-030000
US Classification, Issued: 70530
File Segment: EPI;
DWPI Class: T01; T05
Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2; **T01-N01D** ; T05-L02

23/5/23   (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0012289890 – Drawing available
WPI ACC NO: 2002-230956/200229
XRPX Acc No: N2002-177715
Account settlement method involves determining whether settlement demand from portable telephone authenticates user's subscriber registration
Patent Assignee: SONY CORP (SONY)
Inventor: ASAMI T
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
JP 2001243382	A	20010907	JP 200051781	A	20000228	200229	B

Priority Applications (no., kind, date): JP 200051781   A 20000228

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2001243382	A	JA	36	20	

Alerting Abstract JP A
  NOVELTY – An accounts settlement demand is transmitted to a management device from a portable telephone. The management device settles accounts about payment to subscriber, when the received account settlement demand authenticates user's subscriber registration. The account settlement result is transmitted to the portable telephone from the management device.
  DESCRIPTION – INDEPENDENT CLAIMS are also included for the following:

  1.Accounts settlement system;
  2.Portable communication terminal

  USE – For settlement-of-accounts for various **services** **such** as content delivery **service** , electronic mail **service** , **automatic** ticket reservation **service** , **bank** transfer **service** , **etc** . **using** the portable **telephone** .
  ADVANTAGE – Accounts can be settled reliably, simply and correctly, **using** a portable **telephone** .
  DESCRIPTION OF DRAWINGS – The figure shows the sequence flow diagram of accounts settlement method. (Drawing includes non-English language text).

Title Terms/Index Terms/Additional Words: ACCOUNT; SETTLE; METHOD; DETERMINE; DEMAND; PORTABLE; TELEPHONE; USER; SUBSCRIBER; REGISTER

Class Codes
International Classification (Main): **G06F-017/60**
 (Additional/Secondary): G06F-013/00, G09C-001/00, H04L-009/32, H04M-015/00, H04Q-007/38
File Segment: EngPI; EPI;
DWPI Class: T01; W01; P85
Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2A; T01-N01C; T01-N02B1B;
  W01-A05B; W01-C01D3C

23/5/24   (Item 24 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0012246854 - Drawing available
WPI ACC NO: 2002-186646/200224
Service method for guiding financial transaction and financial goods in real time
Patent Assignee: HAN Y H (HANY-I); KIM M S (KIMM-I)
Inventor: HAN Y H; KIM M S
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
KR 2001094670	A	20011101	KR 200017102	A	20000331	200224	B

Priority Applications (no., kind, date): KR 200017102 A 20000331

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 2001094670	A	KO	1	10	

  Alerting Abstract KR A

  NOVELTY - A service method for guiding financial transactions and financial goods is provided to remove inconvenience for inquiring deposit/withdrawal items of an account and an **account   balance** for an **automatic** transfer one by one and cost load according to the inquiry by automatically guiding the deposit/withdrawal items together with automatic transfer information and new financial goods information in real time through a telephone, a cellular phone, a facsimile, or an E-mail of a client.
  DESCRIPTION - If a corresponding account balance is larger than amount of transfer money, a host computer of a corresponding financial computer network transmits automatic transfer information to a financial guide server(S33). The corresponding financial guide server detects call information of a corresponding financial guide **service** registration client **using** a transfer **account** number included in **automatic** transfer information, and guides automatic transfer information as a character or voice type according to corresponding call information through a telephone, a facsimile, or an E-mail of a client(S34,S35). If the account balance is less than an amount of transfer money, the host computer transmits automatic transfer information generated in the corresponding account together with information regarding an amount of currently insufficient transfer money to the financial guide server(S36). The corresponding financial guide server detects call information of the corresponding financial guide **service** registration client **using** the transfer **account** number included in **automatic** transfer information, and guides automatic transfer information together with an amount of the currently insufficient transfer money as the character or voice type according to corresponding call information through the telephone, the facsimile, or the E-mail of the client(S37,S38).

Title Terms/Index Terms/Additional Words: SERVICE; METHOD; GUIDE; FINANCIAL
  ; TRANSACTION; GOODS; REAL; TIME
Class Codes
International Classification (Main): **G06F-017/60**
File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A

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 23/5/25      (Item 25 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2009 Thomson Reuters. All rts. reserv.
0011133660  - Drawing available
WPI ACC NO: 2002-070332/200210
XRPX Acc No: N2002-052058
```
Fare collecting device used in e.g. train system, has calculating unit that computes fare based on extracted route data from ticket which is used when passing through predetermined place
```
Patent Assignee: NIPPON SIGNAL CO LTD  (NIUG)
Inventor: WATABE H
```
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
JP 2001307148	A	20011102	JP 2000121208	A	20000421	200210	B

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Priority Applications (no., kind, date): JP 2000121208  A  20000421
```

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 2001307148	A	JA	5	5	

Alerting Abstract JP A

   NOVELTY - The fare collecting device has a calculating unit that computes a fare based on the extracted route data. An extracting unit obtains the route data based on the data stored in a ticket which is used when passing through a predetermined place to specify the riding routes e.g. transfer station.
   DESCRIPTION - The fare collecting device is set inside an **automatic** ticket inspection machine or **automatic   account   settling** machine to collect corresponding fare.
   USE - Used in e.g. train system.
   ADVANTAGE - Collects actual fare of actually taken route. Ensures simple writing of route data and other positional data through global positioning system (GPS). Can **use** IC card with radio communication function for mobile **telephone** or portable data processor as ticket.
   DESCRIPTION OF DRAWINGS - The figure is a flowchart showing the control action of the fare connecting device. Drawing includes non-English language text.

Title Terms/Index Terms/Additional Words: FARE; COLLECT; DEVICE; TRAIN;
   SYSTEM; CALCULATE; UNIT; COMPUTATION; BASED; EXTRACT; ROUTE; DATA; TICKET
   ; PASS; THROUGH; PREDETERMINED; PLACE

Class Codes
```
International Classification (Main): G07B-015/00
 (Additional/Secondary):  G06F-017/60
```
```
File Segment: EPI;
DWPI Class: T01; T05
Manual Codes (EPI/S-X): T01-J05A1; T05-C03
```

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 23/5/27      (Item 27 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010813527 - Drawing available
WPI ACC NO: 2001-430290/200146
Communication network account transfer system that uses main settlement account and multiple supplementary settlement accounts and payment settlement method that uses above system
Patent Assignee: KEE S C (KEES-I)
Inventor: KEE S C
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
KR 2001000616	A	20010105	KR 200059370	A	20001009	200146	B

Priority Applications (no., kind, date): KR 200059370 A 20001009

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
KR 2001000616	A	KO	1	10	

Alerting Abstract KR A

NOVELTY - A payment settlement method that uses above system is provided to create supplementary accounts that normally holds zero balance but receives account transfers from a main settlement account for account payments and returns any remaining balance to the main account and to enable the user to make account transfers by **using** one's wired/wireless **telephone** and connecting to the ARS(Automatic Response System).

DESCRIPTION - An electronic commerce payment settlement method that uses above system is composed of connection, search, selection, and payment. A settlement account member, who possesses both a main settlement account and multiple supplementary settlement accounts, connects to the internet(S101) and to the electronic commerce site for product search or business execution(S102), and searches various product or business information(S103). The member selects a product and makes a business agreement(S104), contacts the predetermined **automatic account** transfer communication network, and makes the account transfer to the supplementary account(S105). The supplementary account counts down the predetermined payment duration period(S106) and makes the payment within the predetermined duration period(S107,S108). If a balance remains after the predetermined time period has expired, an **automatic account** transfer of the remaining **balance** is made(S109,S110,S111). The electronic commerce transaction information is stored in the electronic commerce site's web server and network communication network DB(S112).

Title Terms/Index Terms/Additional Words: COMMUNICATE; NETWORK; ACCOUNT; TRANSFER; SYSTEM; MAIN; SETTLE; MULTIPLE; SUPPLEMENTARY; PAY; METHOD; ABOVE

Class Codes
International Classification (Main): **G06F-017/60**

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A

B. Patent Files, Full-Text

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File 324:GERMAN PATENTS FULLTEXT 1967-200917
         (c) 2009 UNIVENTIO/THOMSON
File 349:PCT FULLTEXT 1979-2009/UB=20090416|UT=20090409
         (c) 2009 WIPO/Thomson
File 348:EUROPEAN PATENTS 1978-200916
         (c) 2009 European Patent Office


Set     Items    Description
S1     1300043   (RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY -
                 OR TELEPHONE OR GAS OR ENERGY OR COAL OR HYDROELECTRIC OR LIQ-
                 UID(1N)(PRODUCT?? OR FUEL??))(10N)(CONSUM??? OR CONSUMPTION OR
                 USE OR USES OR USED OR USING OR USAGE OR UTILIZ?)
S2       24198   (RECONCIL? OR SETTL??? OR SETTLEMENT??  OR RESOVL??? OR RE-
                 SOLUTION?? OR BALANC???)(15N)(RECORD OR RECORDS OR NOTICE OR -
                 NOTICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEME-
                 NTS OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S3         888   S2(5N)(AUTOMATIC OR AUTOMATICALLY OR AUTOMATED)
S4       26240   (NOTIFY??? OR NOTIFIE?? OR NOTIFICATION?? OR ALERT??? OR W-
                 ARN??? OR INFORM???)(15N)(ERROR?? OR MISTAKE?? OR PROBLEM?? OR
                 INACCURACY OR INACCURACIES OR INCONSISTENCY OR INCONSISTENCI-
                 ES OR CORRUPT???)
S5      170404   FEEDER OR FEEDERS OR (POWER OR DISTRIBUTION)(5N)(LINE OR L-
                 INES) OR POWERLINE??
S6      632664   (RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY -
                 OR TELEPHONE OR GAS OR ENERGY)(5N)(LOCATION?? OR SITE OR SITES
                 OR SOURCE OR SOURCES OR SUPPLIER OR SUPPLIERS) OR UTILITY OR
                 UTILITIES
S7       70258   (AGGREGAT? OR COMBIN??? OR COMBINATION?? OR ASSEMBL? OR CO-
                 LLECT????? OR AMASS????)(15N) (RECORD OR RECORDS OR NOTICE OR
                 NOTICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEME-
                 NTS OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S8      525975   (COMPAR??? OR COMPARISON?? OR EVALUAT? OR EXAMIN? OR ANALY-
                 Z? OR ANALYS? OR MEASUR?)(15N)(TOTAL OR TOTALS OR NUMBER OR N-
                 UMBERS OR TALLY OR TALLIES OR COUNT OR COUNTS)
S9          79   S1(S)S3
S10         18   S9 AND IC=(G06F-017/60 OR G06F-0017/60)
S11         29   S9 AND IC=G06F
S12          4   S9(S)S4
S13         27   S9 AND S4
S14          8   S3(S)S4(S)(S5 OR S6)
S15         13   S3(S)S6(S)S7(S)S8
S16         30   S1(S)S2(S)S4(S)(S5 OR S6)
S17         20   S16 AND IC=G06F
S18         74   S11:S17
S19         53   S13:S16
S20         27   S19 AND IC=G06F
S21         49   S11 OR S12 OR S17
S22         46   S21 AND AY=1900:2004
S23         46   IDPAT (sorted in duplicate/non-duplicate order)
S24         45   IDPAT (primary/non-duplicate records only)
```

24/3,K/8   (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2009 European Patent Office. All rts. reserv.
00377885
On-line problem management for data-processing systems.
On-line-Problemverwaltung fur Datenverarbeitungssysteme.
Gestion en ligne de problemes pour systemes de traitement de donnees.
PATENT ASSIGNEE:
  International Business Machines Corporation, (200120), Old Orchard Road,
    Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
  Morcomb, James Robert, 637 Oakwood Drive, St. Charles, MN 55972, (US)
  Sinclair, Beau Thomas, 2002 17th Street N.E., Rochester, MN 55904, (US)
  Scarborough, George Barry, RR 8, Rochester, MN 55902, (US)
  Westling, Sandra Dorothy, 5904 Country View Court N.W., Rochester, MN
    55901, (US)
  Calvert, Nathaniel, 3102 Crescent Lane N.W., Rochester, MN 55901, (US)
  Eakins, John James, 1831 15th Street N.W., Rochester, MN 55901, (US)
  Emerick, Earl Walter, Rt. 1, Box 108A, Rochester, MN 55901, (US)
  Johnston, David Lowry, 110 Linden Court S.W., Rochester, MN 55902, (US)
  Koehler, John Louis, 967 Chalet Drive N.W., Rochester, MN 55901, (US)
  Miller, Gerald Patrick, 1754 Ninth Avenue S.E., Rochester, MN 55904, (US)
LEGAL REPRESENTATIVE:
  Lattard, Nicole (16571), Compagnie IBM France Departement de Propriete
    Intellectuelle, F-06610 La Gaude, (FR)
PATENT (CC, No, Kind, Date): EP 333620 A2 890920 (Basic)
                              EP 333620 A3 910320
                              EP 333620 B1 950111
APPLICATION (CC, No, Date):   EP 89480038 890303;
PRIORITY (CC, No, Date): US 169516 880317
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS (V7): **G06F-011/00 ; G06F-011/22 ;**
ABSTRACT WORD COUNT: 84

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English) EPBBF2   704
      CLAIMS B (English) EPBBF2   769
      CLAIMS B   (German) EPBBF2   795
      CLAIMS B   (French) EPBBF2   960
      SPEC A   (English) EPBBF2   5932
      SPEC B   (English) EPBBF2   6047
Total word count - document A   6636
Total word count - document B   8571
Total word count - documents A + B   15207
INTERNATIONAL PATENT CLASS (V7): **G06F-011/00 ...**

... **G06F-011/22**

...CLAIMS entry, and for receiving said code modules into said customer
    system.
  2. A system for **automated** problem analysis and **resolution** of a
      customer data processor (110), comprising:
        a problem **log** (242) stored in said customer processor for holding
      a plurality of entries containing fields identifying...

...as to extract therefrom a number of problem resolutions matching said
search arguments from said **service** requests;
and wherein said communications link is **used** for transmitting
said **service** requests to said central **service** processor, and for
transmitting said problem resolutions to said customer processor.

 24/3,K/9   (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2009 WIPO/Thomson. All rts. reserv.
01340774   **Image available**
A MOMENTARY POWER MARKET
MARCHE MOMENTANE DE L'ELECTRICITE
Patent Applicant/Inventor:
  STOILOV Georgi Dimov, Gueschevo St., No 68, entrance B, 1379 Sofia, BG,
    BG (Residence), BG (Nationality), (Designated for all)
  STOILOV Dimo Georgiev, Lulin district, block 101, entrance A, 1335 Sofia,
    BG, BG (Residence), BG (Nationality), (Designated for all)
  STOILOV Luben Georgiev, Gueschevo St., No 68, entrance B, 1379 Sofia, BG,
    BG (Residence), BG (Nationality), (Designated for all)
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200621058 A1 20060302 (WO 0621058)
  Application: WO 2004BG23 20041202 (PCT/WO BG2004000023)
  Priority Application: BG 108851 20040823
Designated States:
(All protection types applied unless otherwise stated - for applications
2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
  RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL
  PT RO SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 17783

Main International Patent Class (v7): **G06F-017/60**
Fulltext Availability:
  Detailed Description

Detailed Description
... power or bill. Every one of them controls the value he is interested
  in.
  the **power** or the **energy** supplied, or transferred, or distributed, or
  consumed and of 715 course the costs or the charges or the liabilities.
  Client is not any more forced to wait for some body to read meters then
  to make **billing** and **settlement** for him. By simple procedures
  Consumers can check their **bills** and can arrange **automated** payments.
  The simplicity and the other advantages are obvious.

DIALOG(R)File 349:PCT FULLTEXT
(c) 2009 WIPO/Thomson. All rts. reserv.
00784132
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LEGACY WRAPPER IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET DISPOSITIF POUR MODULE D'HABILLAGE EXISTANT DANS UN ENVIRONNEMENT DE SCHEMAS DE SERVICES DE COMMUNICATION
Patent Applicant/Assignee:
  ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
    (Residence), US (Nationality)
Inventor(s):
  BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
    , US,
Legal Representative:
  HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill
    Roadast, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200116724 A2-A3 20010308 (WO 0116724)
  Application: WO 2000US24084 20000831 (PCT/WO US0024084)
  Priority Application: US 99386834 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB
  GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
  MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
  YU ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150947

Main International Patent Class (v7): **G06F-009/44**
International Patent Class (v7): **G06F-009/46**
Fulltext Availability:
  Detailed Description

Detailed Description
... present
  invention;
  Figure 150 illustrates server components receiving service requests;
  Figure 151 illustrates a load **balancer** mediating the requests of Figure
  150; Figure 152 illustrates a flowchart for a method for...sound, video),
  strings to pass strings
  FML allows dynamic messages to be sent/received
  Automatic **error** logging for Tuxedo components (ULOG, tagent log)
  Application code can write to the ULOG with...predictable, well defined
  interfaces) can be used in any situation, as long as it's **used** for its
  intended purpose. It knows how to perform its **services** without regard
  to what's happening outside of its boundaries (e.g., the actions that...

```
 24/3,K/36     (Item 36 from file: 349)
```
DIALOG(R)File 349:PCT FULLTEXT
(c) 2009 WIPO/Thomson. All rts. reserv.
00775307   **Image available**
**A SYSTEM, METHOD AND COMPUTER PROGRAM FOR DETERMINING CAPABILITY LEVELS OF
    PROCESSES TO EVALUATE OPERATIONAL MATURITY OF AN ORGANIZATION**
**SYSTEME, PROCEDE ET ARTICLE DE FABRICATION DESTINES A DETERMINER DES
    NIVEAUX DE CAPACITE D'OPERATIONS POUR DES BESOINS D'EVALUATION
    D'OPERATION DANS UNE RECHERCHE DE MATURITE OPERATIONNELLE**
Patent Applicant/Assignee:
  ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
    (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
  GREENBERG Nancy S, 5529 Newton Avenue South, Minneapolis, MN 55410, US,
    US (Residence), US (Nationality), (Designated only for: US)
  WINN Colleen R, 11472 Fairfield Road #103, Minnetonka, MN 55305, US, US
    (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
  HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,
    2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200108037 A2-A3 20010201 (WO 0108037)
  Application: WO 2000US20353 20000726 (PCT/WO US0020353)
  Priority Application: US 99361338 19990726
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
  HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
  NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 86229

Main International Patent Class (v7): **G06F-017/60**
Fulltext Availability:
  Detailed Description

Detailed Description
... distributed storage media (e.g., tapes, disks, etc.) including tile
  monitoring and controlling of storage **resources** and their **usage** . Mass
  Storage Management can be viewed as providing the top level of storage
  management with...

```
 24/3,K/39     (Item 39 from file: 349)
```
DIALOG(R)File 349:PCT FULLTEXT
(c) 2009 WIPO/Thomson. All rts. reserv.
00761424
A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PHASE DELIVERY OF

COMPONENTS OF A SYSTEM REQUIRED FOR IMPLEMENTATION OF TECHNOLOGY SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE PAR PHASES DE COMPOSANTS D'UN SYSTEME NECESSAIRES A L'APPLICATION D'UNE TECHNIQUE

Patent Applicant/Assignee:
  ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US
    (Residence), US (Nationality)
Inventor(s):
  GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,
  MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,
  BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,
Legal Representative:
  BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,
    Minneapolis, MN 55402-0903, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200073930 A2 20001207 (WO 0073930)
  Application: WO 2000US14458 20000524 (PCT/WO US0014458)
  Priority Application: US 99321360 19990527
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ
  CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE
  EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN
  IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK
  MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM
  TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 149456

Main International Patent Class (v7): **G06F-017/60**
Fulltext Availability:
  Detailed Description

Detailed Description
... conveyed verbally. The person is also much more likely to retain that
  information. However, a **balance** must be maintained between presenting
  information in a manner so as to be more likely...vendor is assigned a
  unique indicia coding. Each of the components provided by a vendor
  service is indicia coded to indicate which vendor or vendors provide the
  services, as performed in...For simple designs, tools such as PowerPoint
  are normally adequate. Data flow diagrams may be **used** to show how
  clients send messages to **services** . The tools **used** should help
  developers to ensure that objects in the diagrams are linked to the
  actual...

 24/3,K/44   (Item 44 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2009 WIPO/Thomson. All rts. reserv.

00303962   **Image available**

AUTOMATED INTERACTIVE BILL PAYMENT SYSTEM
SYSTEME DE PAIEMENT DES FACTURES INTERACTIF AUTOMATISE
Patent Applicant/Assignee:
  TELEPAY INC,
Inventor(s):
  ROGERS Catherine R,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9522113 A1 19950817
  Application: WO 95US1131 19950127 (PCT/WO US9501131)
  Priority Application: US 94195372 19940214
Designated States:
(Protection type is "patent" unless otherwise stated – for applications
prior to 2004)
  AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR
  KZ LK LR LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA
  UZ VN KE MW SD SZ AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ
  CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 8485
Main International Patent Class (v7): **G06F**
Fulltext Availability:
  Detailed Description

Detailed Description
... never
  been presented to the debit networks for a real-time authorization
  initiated by the **consumer** from a touch tone **telephone** with the debit
  card number **used** as the transaction vehicle. Additionally, this process
  has never been done without the requirement of...

...the amount that the debit card network will
  distribute between TelePay and the payee at **settlement** . The amount of
  the **bill** that was paid is **automatically** added to the amount that will
  be credited to the payee at the end of...

III. Text Search Results from Dialog

A. NPL Files, Abstract

```
File 139:EconLit 1969-2009/Apr
        (c) 2009 American Economic Association
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 Gale/Cengage
File 474:New York Times Abs 1969-2009/Apr 28
        (c) 2009 The New York Times
File 475:Wall Street Journal Abs 1973-2009/Apr 28
        (c) 2009 The New York Times
File  35:Dissertation Abs Online 1861-2009/Mar
        (c) 2009 ProQuest Info&Learning
File  65:Inside Conferences 1993-2009/Apr 28
        (c) 2009 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2009/Feb
        (c) 2009 The HW Wilson Co.
File 256:TecInfoSource 82-2009/Feb
        (c) 2009 Info.Sources Inc
File   2:INSPEC 1898-2009/Apr W1
        (c) 2009 Institution of Electrical Engineers
File 553:Wilson Bus. Abs. 1982-2009/Apr
        (c) 2009 The HW Wilson Co
File 103:Energy SciTec 1974-2009/Apr B1
        (c) 2009 Contains copyrighted material
```

```
Set     Items   Description
S1    1592812   (RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY -
                OR TELEPHONE OR GAS OR ENERGY OR COAL OR HYDROELECTRIC OR LIQ-
                UID(1N)(PRODUCT?? OR FUEL??))(10N)(CONSUM??? OR CONSUMPTION OR
                USE OR USES OR USED OR USING OR USAGE OR UTILIZ?)
S2      73771   (RECONCIL? OR SETTL??? OR SETTLEMENT??  OR RESOVL??? OR RE-
                SOLUTION?? OR BALANC???)(S)(RECORD OR RECORDS OR NOTICE OR NO-
                TICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEMENTS
                OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S3        440   S2(5N)(AUTOMATIC OR AUTOMATICALLY OR AUTOMATED)
S4      28618   (NOTIFY??? OR NOTIFIE?? OR NOTIFICATION?? OR ALERT??? OR W-
                ARN??? OR INFORM???)(S)(ERROR?? OR MISTAKE?? OR PROBLEM?? OR -
                INACCURACY OR INACCURACIES OR INCONSISTENCY OR INCONSISTENCIES
                OR CORRUPT???)
S5     108195   FEEDER OR FEEDERS OR (POWER OR DISTRIBUTION)(5N)(LINE OR L-
                INES) OR POWERLINE??
S6    1032951   (RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY -
                OR TELEPHONE OR GAS OR ENERGY)(5N)(LOCATION?? OR SITE OR SITES
                OR SOURCE OR SOURCES OR SUPPLIER OR SUPPLIERS) OR UTILITY OR
                UTILITIES
S7     144301   (AGGREGAT? OR COMBIN??? OR COMBINATION?? OR ASSEMBL? OR CO-
                LLECT????? OR AMASS????)(S)(RECORD OR RECORDS OR NOTICE OR NO-
                TICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEMENTS
                OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S8    1356208   (COMPAR??? OR COMPARISON?? OR EVALUAT? OR EXAMIN? OR ANALY-
```

```
                   Z? OR ANALYS? OR MEASUR?)(S)(TOTAL OR TOTALS OR NUMBER OR NUM-
                   BERS OR TALLY OR TALLIES OR COUNT OR COUNTS)
S9          49     S1 AND S3
S10          0     S9 AND S4
S11         16     S1 AND S2 AND S4
S12         10     S9 AND (S5 OR S6)
S13        410     S1 AND S2 AND (S5 OR S6) AND (S7 OR S8)
S14         65     S9 OR S11
S15         51     S14 NOT S14/2005:2009
S16         50     RD  (unique items)
```

16/5/1   (Item 1 from file: 139)
DIALOG(R)File 139:EconLit
(c) 2009 American Economic Association. All rts. reserv.
743109
TITLE: An Algorithm for Balancing Commodity-Flow Systems
 AUTHOR(S): Dalgaard, Esben; Gysting, Christian
 AUTHOR(S) AFFILIATION: Statistics Denmark; Statistics Denmark
 JOURNAL NAME: Economic Systems Research,
 JOURNAL VOLUME & ISSUE: 16 2,
 PAGES: 169-90
 PUBLICATION DATE: 2004
 LANGUAGE: English
 AVAILABILTY: http://www.tandf.co.uk/journals/titles/09535314.asp
 ISSN: 0953-5314
 DOCUMENT TYPE: Journal Article
 ABSTRACT INDICATOR: Abstract
 ABSTRACT: In many cases there is a need to balance commodity-flow system
    data quickly and with limited **resources** . In order to compile new
    supply and **use** tables and investment matrices consistent with revised
    national accounts data, it can be necessary to apply some sort of
       automatic   balancing technique. The paper proposes an algorithm
    that, contrary to RAS, can balance a commodity-flow system with unequal
    net row and column sums. The algorithm is applied to a recent revision
    of Danish capital stock estimates.
 GEOGRAPHIC LOCATION DESCRIPTOR(S): Denmark
 REGIONAL INTEREST: Europe
 DESCRIPTOR(S) (1991 to Present): General Equilibrium and Disequilibrium:
    Input-Output Tables and Analysis (D570)

 16/5/6   (Item 5 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 Gale/Cengage. All rts. reserv.
09416364
Maybank, Tenaga in power bill deal
  MALAYSIA: TENAGA IN PACT WITH MAYBANK
The Star (XAT)   01 Dec 2000 Business, p.5
Language: ENGLISH

On 30 November 2000, Malaysia's Tenaga Nasional Bhd (TNB) sealed an accord
with Malayan Banking Bhd (Maybank) of Malaysia to launch the TNB Autopay
recurring payment facility in Malaysia. The new facility will enable

financial entities, Maybank Finance and Maybank credit card subscribers to **use** their credit card **accounts** to **settle automatically power** utility **bills** of TNB. The processing of the payment bills and the debit of the accounts will be carried out by Maybank in accordance with TNB's instructions. TNB clients who subscribe to the new facility will only be permitted to pay their power bills if the amount is not above RM 1,000 per account. This was noted by Abdul Aziz Peru Mohamed, the consumer banking general manager at Maybank. With TNB Autopay, Maybank has emerged as the maiden entity in its field to launch a recurring payment system to credit card members.

COMPANY: MAYBANK FINANCE; MAYBANK; MALAYAN BANKING; TNB; TENAGA NASIONAL
PRODUCT: Credit Card Services (6020CC); Nonbank Credit Card Firms (6141);
EVENT: Marketing Procedures (24);
COUNTRY: Malaysia (9MAO);

16/5/13   (Item 12 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
(c) 2002 Gale/Cengage. All rts. reserv.
04380264
FUELINK OFFERS NATIONAL BUNKERING SERVICE
  UK - FUELINK OFFERS NATIONAL BUNKERING SERVICE
Retail Week (RWK)   28 June 1991 p12

Fuelink, a fuel bunkering service, offers a national network of over 160 sites where retailers can buy fuel at a competitive price. Most of the sites are linked to the company's mainframe computer in Manchester, UK, which is able to provide customers with a statement containing a weekly stock-remaining **balance** , **automatic** advice on reordering and the number of fill-ups per month. Drivers **using** the **service** can also buy oil abd have direct access to the specialist rescue service for freight vehicles, AA BRS Rescue. According to Chris Monroe, director and general manager of Fuelink, average saving **using** the **service** is between two and four pence per litre. Fuelink is part of the National Freight Corporation.

PRODUCT: Oil Products (2911);
EVENT: LAND USE/PURCHASE/SALES (41);
COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420);
    South East Asia Treaty Organisation (913);

16/5/27   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2009 Institution of Electrical Engineers. All rts. reserv.
09253394   INSPEC Abstract Number: B2005-02-6210L-546, C2005-03-5620-030
  Title: Design and implementation of an application server load balancing architecture supporting the end-to-end provisioning of value-added services
  Author(s): Vlaeminck, K.; Van Hoecke, S.V.; De Turck, F.; Dhoedt, B.; Demeester, P.
  Author Affiliation: Dept. of Inf. Technol., Ghent Univ., Belgium
  Conference Title: 11th International Telecommunications Network Strategy and Planning Symposium (IEEE Cat. No.04EX833)   p.345-50
  Editor(s): Kaindl, H.

Publisher: VDE Verlag GMBH, Berlin, Germany
Country of Publication: Germany   464 pp.
 ISBN: 3 8007 2840 0   Material Identity Number: XX-2003-03557
 Conference Title: 11th International Telecommunications Network Strategy and Planning Symposium
 Conference Sponsor: mobilkon austria; Telekon Austria; Deutsche Telekon; Siemens AG Austria
 Conference Date: 13-16 June 2004   Conference Location: Vienna, Austria
 Language: English   Document Type: Conference Paper (PA)
 Treatment: Practical (P); Theoretical (T)

Abstract: Service providers can offer a wide variety of value added services, such as managed home networking, home-automation and security management, multimedia multiparty conferencing and content delivery. Very often hard- and software from different vendors are **used** to implement these **services** . In most cases, multiple application servers need to be deployed for each service in order to balance the load of the service sessions. In this paper we describe an architecture that offers **automatic** load **balancing** of service sessions over the available application servers, abstracting from the actual type of the service and its implementation by translating the service and vendor specific request formats into an internal XML format. The load balancing of the service sessions is done taking into account the capabilities of each application server (which service(s) does it implement), its load, and the location of running sessions (a request to join an active session has to be forwarded to the application server running the session). Furthermore, scalability is ensured by organizing the application servers into pools. New application servers can easily be added. (13 Refs)
 Subfile: B C
 Descriptors: computer network management; multimedia communication; network servers; resource allocation; telecommunication services; XML
 Identifiers: application server load balancing architecture; value-added service; service provider; automatic load balancing; service session; vendor specific request format; XML format; distributed scalable management ; service enabling platform; service management architecture
 Class Codes: B6210L (Computer communications); B6210C (Network management); B6210R (Multimedia communications); C5620 (Computer networks and techniques); C6150N (Distributed systems software); C6130M (Multimedia)

 16/5/29   (Item 4 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2009 Institution of Electrical Engineers. All rts. reserv.
08892330   INSPEC Abstract Number: B2004-04-8150-011, C2004-04-7410B-099
 Title: Implications of power-line communication on distributed data acquisition and control system
 Author(s): Lobashov, M.; Pratl, G.; Sauter, T.
 Author Affiliation: Inst. of Comput. Technol., Vienna Univ. of Technol., Austria
 Conference Title: EFTA 2003. 2003 IEEE Conference on Emerging Technologies and Factory Automation. Proceedings (Cat. No.03TH8696)
Part vol.2   p.607-13 vol.2
 Publisher: IEEE, Piscataway, NJ, USA
 Publication Date: 2003 Country of Publication: USA   2 vol.xxiv+663+ix+795 pp.

ISBN: 0 7803 7937 3   Material Identity Number: XX-2003-03375
U.S. Copyright Clearance Center Code: 0-7803-7937-3/03/$17.00
Conference Title: 2003 IEEE Conference on Emerging Technologies and Factory Automation. Proceedings
Conference Sponsor: IEEE Ind. Electron. Soc.; UNINOVA & Univ. Nova de Lisboa-FCT- DEE
Conference Date: 16-19 Sept. 2003   Conference Location: Lisbon, Portugal
Language: English   Document Type: Conference Paper (PA)
Treatment: Practical (P)

Abstract: **Automated** meter reading, energy **billing** and energy management are applications that are based on and require remote access to control networks. Such applications are intrinsically linked to **power**-lines and as such suggest **using** the **power** distribution grid not only for **energy** transport but also as the communication medium. This paper describes a data acquisition and control system for **energy** distribution and **consumption** **using** **power**-lines and IP-based networks for communications. The primary application is meter reading with fine-grained resolution both in time and location of **consumption**. The paper describes the communication architecture and the **services** provided by the system and show how the peculiarities of especially the power-line communication influence the design of the interconnection between the two network types. Security aspects of the system are also discussed. (12 Refs)

Subfile: B C
Descriptors: carrier transmission on power lines; data acquisition; energy management systems; invoicing; IP networks; **power** **consumption** ; security of data; telecontrol
Identifiers: power-line communication; distributed data acquisition; automated meter reading; energy billing; energy management; remote access; control networks; power distribution grid; energy transport; IP-based networks; fine-grained resolution; communication architecture; system security aspects
Class Codes: B8150 (Power system measurement and metering); B7210G (Data acquisition systems); B6210J (Telemetry); B6240J (Power line systems); C7410B (Power engineering computing); C3370G (Control applications in data transmission); C3250 (Telecontrol and telemetering components); C3210G (Data acquisition systems for control)
Copyright 2004, IEE

16/5/31   (Item 6 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2009 Institution of Electrical Engineers. All rts. reserv.
06310346   INSPEC Abstract Number: B9608-8670-014, C9608-3350N-005
Title: A low cost automatic mill load level control strategy
Author(s): Hecht, H.M.; Derick, G.R.
Author Affiliation: Holderbank Eng. Canada Ltd., Mississauga, Ont., Canada
Conference Title: 1996 IEEE/PCA Cement Industry Technical Conference. XXXVIII Conference Record (Cat. No. 96CH35863)   p.341-9
Publisher: IEEE, New York, NY, USA
Publication Date: 1996 Country of Publication: USA   392 pp.
ISBN: 0 7803 3014 5   Material Identity Number: XX96-01070
U.S. Copyright Clearance Center Code: 0 7803 3014 5/96/$5.00
Conference Title: Proceedings of 38th Cement Industry Technical

Conference
  Conference Sponsor: Ind. Applications Soc. Cement Ind. Committee of the IEEE; Portland Cement Assoc.; Manuf. Process Committee
  Conference Date: 14-18 April 1996   Conference Location: Los Angeles, CA, USA
  Language: English   Document Type: Conference Paper (PA)
  Treatment: Practical (P)

  Abstract: A low cost control strategy has been developed, which can maintain a mill production near optimum, with little operator intervention. The mill load control strategy is based on the use of classic sensors such as mill sound and recirculating bucket elevator **power** plus the not-so-often **used** mill motor **power** . The heart of the strategy consists of a standard PID algorithm for control: therefore, it is not rule-based or considered an expert system. Because of this, there is no requirement for special hardware or additional computers. The control strategy is integrated into the plant's existing control system which provides training and maintenance benefits. The strategy uses the traditional signals such as mill sound and recirculating bucket elevator power as well as the mill power to determine the mill load level. The load level is defined as the total of the grinding charge and material in the mill. The control strategy attempts to keep this load level as constant as possible. The setpoint for the master controller is derived from the mill motor power. The strategy **automatically** takes into **account** changes in material grindability, grinding charge, material retention time and different product types. Maintaining a mill load level is accomplished by balancing the mill load level against the power-derived setpoint. (0 Refs)
  Subfile: B C
  Descriptors: acoustic variables measurement; cement industry; electric sensing devices; grinding; industrial control; materials handling; power measurement; three-term control
  Identifiers: automatic mill load level control strategy; mill production; mill sound sensors; recirculating bucket elevator power sensor; mill motor power sensor; standard PID algorithm; training; maintenance; grinding charge; master controller setpoint; material grindability; material retention time; cement industry
  Class Codes: B8670 (Power applications in glass, ceramic, brick and cement industries); B7230 (Sensing devices and transducers); B7310F (Power and energy measurement); B7320Z (Other nonelectric variables measurement); C3350N (Control applications in glass, ceramics, brick and cement industries); C7420 (Control engineering computing); C3355C (Control applications in machining processes and machine tools)

16/5/41   (Item 1 from file: 553)

05131058   H.W. WILSON RECORD NUMBER: BWBA03131058
Flipping the E-Commerce Switch: Five Steps to Payments Automation
Grant, Michael
Engdahl, Stephen F
AFP Exchange (AFP Exchange) v. 23 no3 (May/June 2003) p. 68-71
DOCUMENT TYPE: Feature Article ISSN: 1528-4077
LANGUAGE: English
COUNTRY OF PUBLICATION: United States

RECORD TYPE: Abstract   RECORD STATUS: New record

ABSTRACT: Florida **Power** & Light (FPL) **uses** client/server technology to enhance customer **service** , quality, and overall performance, including payments. Payments are handled from multiple sources, among them e-payments, the FPL payment processing center, and independent pay agents. The utility's **automated** approach to online **bill** delivery, payment, financial control, matching, and reconciliation has improved operational performance and reduced the risk of fraud via timely identification of errors and rapid verification of deposits. Details are provided of the five steps involved in FPL's quest to automate its e-commerce chain: online bill or statement delivery, bill payment, payment-to-invoice matching, reconciliation, and exception management workflow.
DESCRIPTORS:
  Electric power--Electronic commerce; Electronic bill presentment and
  payment systems--Case studies
COMPANY NAME: Florida Power & Light Co -- --Information systems
SIC CODES: 4911
SPECIAL FEATURES: il

 16/5/46   (Item 2 from file: 103)
DIALOG(R)File 103:Energy SciTec
(c) 2009 Contains copyrighted material. All rts. reserv.
04668328   EDB-01-017572
Title: Battling the mountain of billing data : BC Hydro automates billing
    for its largest customers
Author(s): Doroff, S.
Source: Electrical Business v 36:12. Coden: ELBUAI ISSN: 0013-4244
Publication Date: Dec 2000   p 13
Document Type: Journal Article
Language: English
Journal Announcement: EDB0104
Subfile: ETD (Energy Technology Data Exchange).   CANM (Canada (sent to
    DOE from))
Country of Origin: Canada
Country of Publication: Canada
Abstract: BC Hydro, with a consumer base of 1.5 million, was faced with a
    decision to replace their antiquated semi- **automated** but non-scalable
    billing system. After rigorous evaluation the utility selected
    LODESTAR Corporation's 'BillingExpert' system as the billing engine
    that offered the unique and complex functions and flexibility needed to
    gain the upper hand over billing and to regain credibility with the
    utility's consumers and internal stakeholders. The new system performs
    most functions automatically, yet the utility retains complete control
    over quality assurance of the billing process. The new system allows BC
    Hydro to modify rates and riders on the fly; it has also unlocked vital
    customer data, making it available across the company within days
    instead of weeks. To leverage the access to customer data, the utility
    also purchased the 'LoadMap' with 'Bill Calculation' software for
    calculating the economic impact of alternate-load and pricing options.
    Using data from [sup B]illingExpert' the sales support group is now
    able to run 'what if' scenarios to evaluate various load-shaping and
    load-shifting alternatives as well as pricing models. Other projects in
    development include a new pilot program for testing time-of-use rates
    for commercial accounts. The 'BillingExpert' program has also been

implemented for the settlement and billing side of wholesale
        transmission contracts.
Descriptors: POWER DISTRIBUTION; **ENERGY   CONSUMPTION** ; ACCOUNTING;
        INVOICES; COMPUTERIZED CONTROL SYSTEMS
Broader Terms: ON-LINE CONTROL SYSTEMS
INIS Subject Categories: S24

 16/5/50   (Item 6 from file: 103)
DIALOG(R)File 103:Energy SciTec
(c) 2009 Contains copyrighted material. All rts. reserv.
00514720   EPA-05-004325; EDB-79-094185
Title: Tragic failure of energy planning
Author(s): Henderson, C.
Affiliation: Princeton Center for Alternative Futures, Inc., Princeton, NJ
Source: Bull. At. Sci. (United States) v 34:10. Coden: BASIA
Publication Date: Dec 1978
p 15-19
Document Type: Journal Article
Language: English
Journal Announcement: EDB7908
Subfile: EPA (Energy Abstracts for Policy Analysis); TIC (Technical
        Information Center).
Country of Origin: United States
Abstract: Mr. Henderson states that since President Carter's energy plan
        presentation of April 20, 1977, the American people and those in the
        White House and on Capitol Hill have failed to agree on even the
        rudiments of a strategy for controlling the nation's extravagant
        energy   consumption . The most credible explanation seems to be that
        out of ignorance or perversity most Americans are unwilling to accept
        either the Carter administration's **warning** that an energy crisis
        exists, or the impoverishment of their materialistic, energy-driven
        life-styles which coping with it demands. If this is so, then the
        future of U.S. energy planning can be forecast with a reasonable high
        degree of certainty. Mr. Henderson also feels that the energy package
        passed by the Congress on October 15, 1978, will fail to meaningfully
        reduce America's still-rising **consumption** of **energy   resources**
        despite President Carter's euphoric **statement** . Consequently the
        serious **problems** being exacerbated by this failure, such as our
        recent **record   balance** -of-trade and payments deficits, or the
        salvaging of the U.S. dollar on foreign exchange markets, will go
        unchecked. This setback will force the Carter administration to rely on
        catch as catch can price increases which won't resolve the crisis, and
        will be viewed by the **energy** – **consuming** public as just another round
        of inflation. Within the next two years or so, the deteriorating U.S.
        energy situation will require that the White House and Congress take
        firm and immediate action -- most probably the implementation of the
        nation's Standby Gasoline Rationing Program mandated by the Energy
        Policy and Conservation Act of 1975 in response to the 1973--74 Arab
        oil embargo.;
Major Descriptors: *ENERGY POLICY -- EVALUATION; *ENERGY POLICY AND
        CONSERVATION ACT -- IMPLEMENTATION; *NATIONAL ENERGY PLAN -- EVALUATION
Descriptors: ALLOCATIONS; COMPLIANCE; ENERGY; FAILURES; INFLATION; PLANNING   ; USA
Broader Terms: ENERGY POLICY; GOVERNMENT POLICIES; LAWS; NORTH AMERICA
Subject Categories: 293000* -- Energy Planning & Policy -- Policy,
        Legislation, & Regulation

B. NPL Files, Full-text


```
File 610:Business Wire 1999-2009/Apr 28
        (c) 2009 Business Wire.
File 613:PR Newswire 1999-2009/Apr 28
        (c) 2009 PR Newswire Association Inc
File 634:San Jose Mercury  Jun 1985-2009/Apr 26
        (c) 2009 San Jose Mercury News
File 810:Business Wire 1986-1999/Feb 28
        (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
        (c) 1999 PR Newswire Association Inc
File  20:Dialog Global Reporter 1997-2009/Apr 28
        (c) 2009 Dialog
File   9:Business & Industry(R) Jul/1994-2009/Apr 25
        (c) 2009 Gale/Cengage
File  15:ABI/Inform(R) 1971-2009/Apr 25
        (c) 2009 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2009/Apr 07
        (c) 2009 Gale/Cengage
File 148:Gale Group Trade & Industry DB 1976-2009/Apr 14
        (c) 2009 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
        (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2009/Apr 02
        (c) 2009 Gale/Cengage
File 621:Gale Group New Prod.Annou.(R) 1985-2009/Mar 23
        (c) 2009 Gale/Cengage
File 636:Gale Group Newsletter DB(TM) 1987-2009/Apr 07
        (c) 2009 Gale/Cengage
File 624:McGraw-Hill Publications 1985-2009/Apr 28
        (c) 2009 McGraw-Hill Co. Inc
File 626:Bond Buyer Full Text 1981-2008/Jul 07
        (c) 2008 Bond Buyer
File 484:Periodical Abs Plustext 1986-2009/Apr W3
        (c) 2009 ProQuest
File  47:Gale Group Magazine DB(TM) 1959-2009/Apr 17
        (c) 2009 Gale/Cengage
File 268:Banking Info Source 1981-2009/Apr W2
        (c) 2009 ProQuest Info&Learning
File 267:Finance & Banking Newsletters 2008/Sep 29
        (c) 2008 Dialog
File 625:American Banker Publications 1981-2008/Jun 26
        (c) 2008 American Banker
File 485:Accounting & Tax DB 1971-2009/Apr W3
        (c) 2009 ProQuest Info&Learning
File  75:TGG Management Contents(R) 86-2009/Mar W5
        (c) 2009 Gale/Cengage


Set     Items    Description
S1   10020191    (RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY -
                 OR TELEPHONE OR GAS OR ENERGY OR COAL OR HYDROELECTRIC OR LIQ-
                 UID(1N)(PRODUCT?? OR FUEL??))(10N)(CONSUM??? OR CONSUMPTION OR
                  USE OR USES OR USED OR USING OR USAGE OR UTILIZ?)
S2    1234306    (RECONCIL? OR SETTL??? OR SETTLEMENT??  OR RESOVL??? OR RE-
```

```
                 SOLUTION?? OR BALANC???)(15N)(RECORD OR RECORDS OR NOTICE OR -
                 NOTICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEME-
                 NTS OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S3        10226  S2(5N)(AUTOMATIC OR AUTOMATICALLY OR AUTOMATED)
S4       345086  (NOTIFY??? OR NOTIFIE?? OR NOTIFICATION?? OR ALERT??? OR W-
                 ARN??? OR INFORM???)(15N)(ERROR?? OR MISTAKE?? OR PROBLEM?? OR
                  INACCURACY OR INACCURACIES OR INCONSISTENCY OR INCONSISTENCI-
                 ES OR CORRUPT???)
S5       620952  FEEDER OR FEEDERS OR (POWER OR DISTRIBUTION)(5N)(LINE OR L-
                 INES) OR POWERLINE??
S6      8165958  (RESOURCE?? OR POWER OR SERVICE?? OR WATER OR ELECTRICITY -
                 OR TELEPHONE OR GAS OR ENERGY)(5N)(LOCATION?? OR SITE OR SITES
                  OR SOURCE OR SOURCES OR SUPPLIER OR SUPPLIERS) OR UTILITY OR
                 UTILITIES
S7      1180812  (AGGREGAT? OR COMBIN??? OR COMBINATION?? OR ASSEMBL? OR CO-
                 LLECT????? OR AMASS????)(15N) (RECORD OR RECORDS OR NOTICE OR
                 NOTICES OR BILL OR BILLS OR BILLING?? OR STATEMENT OR STATEME-
                 NTS OR ACCOUNT OR ACCOUNTS OR LOG OR LOGS)
S8      2755302  (COMPAR??? OR COMPARISON?? OR EVALUAT? OR EXAMIN? OR ANALY-
                 Z? OR ANALYS? OR MEASUR?)(15N)(TOTAL OR TOTALS OR NUMBER OR N-
                 UMBERS OR TALLY OR TALLIES OR COUNT OR COUNTS)
S9         1381  S1(S)S3
S10           5  S9(S)S4
S11        1058  S1(20N)S3
S12         150  S9(S)(S5 OR S6)
S13           2  S12(S)(S7 OR S8)
S14         114  S9(S)S5(S)S6
S15         114  S11(30N)S5(30N)S6
S16           9  S9 AND S4
S17           0  S11(S)S7(S)S8
S18           9  S11 AND S7 AND S8
S19         114  S9(S)S5
S20           0  S19(S)(S7 OR S8)
S21          20  S10 OR S13 OR S16 OR S18
S22         134  S19 OR S21
S23         124  S22 NOT S22/2005:2009
S24          45  RD  (unique items)
```

 24/3,K/13   (Item 13 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2009 Business Wire. All rts. reserv.
00483403 20010320079B2488 (USE FORMAT 7 FOR FULLTEXT)
**Ambient Corporation and Bechtel Telecommunications Announce Technical
Services Agreement and Letter of Intent-Bechtel to Provide Engineering and
Construction Management Support for Ambient Corporation's Powerline...**
Business Wire
Tuesday, March 20, 2001 08:04 EST
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 985

...individual homes and businesses can also be used to transmit high-speed data.

Ambient's **Powerline** Telecommunications Technology is designed to enable
utilities and power companies to partner with Ambient in creating baskets
of utility and **consumer services** . These utility **services** are expected to
include such features as **automatic** meter reading (AMR), load switching/ **balancing,**
demand management, outage reporting, real-time **billing** and alarm
monitoring. **Consumer services** may feature Internet, telephony, video-on-demand,
content,and smart appliances. Both baskets of **services** will be achieved **using**
Ambient **Powerline** Telecommunications Technology and existing infrastructure across
electric **powerlines** .

Mark Isaacson, CEO of Ambient, stated, "The partnership with Bechtel Telecoms
helps position Ambient and...

 24/3,K/34   (Item 10 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.
15721652 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**(BW) Former New York State Attorney General Robert Abrams Appointed to
   Ambient Corporation Advisory Board**
BUSINESS WIRE
March 21, 2001
JOURNAL CODE: WBWE   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 1015

...   demand, content, and smart appliances. Both baskets of services
will be achieved using Ambient's **Powerline** Telecommunications technology
(PLT) across electrical **powerlines** and utilizing existing infrastructure.
    Last November Ambient jointly announced with Consolidated Edison of
New York...

 24/3,K/35   (Item 11 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2009 Dialog. All rts. reserv.
15703120 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**(BW) Ambient Corporation and Bechtel Telecommunications Announce Technical
   Services Agreement and Letter of Intent**
BUSINESS WIRE
March 20, 2001
JOURNAL CODE: WBWE   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 973

...   of utility and consumer services. These utility services are
expected to include such features as **automatic** meter reading (AMR), load
switching/ **balancing** , demand management, outage reporting, real-time
 billing and alarm monitoring. **Consumer services** may feature Internet,
telephony, video-on-demand, content, and smart appliances. Both baskets of
 services will be achieved **using** Ambient **Powerline** Telecommunications
Technology and existing infrastructure across electric **powerlines** .
    Mark Isaacson, CEO of Ambient, stated, "The partnership with Bechtel
Telecoms helps position Ambient and...

 24/3,K/37   (Item 13 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

15607818 (USE FORMAT 7 OR 9 FOR FULLTEXT)
(BW) Dr. Oleg Vorontsov, PhD. to Join Ambient Corporation Advisory Board
BUSINESS WIRE
March 14, 2001
JOURNAL CODE: WBWE   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 936

...   of utility and consumer services. These utility services are
expected to include such features as **automatic** meter reading (AMR), load
switching/ **balancing** , demand management, outage reporting, real-time
 billing and alarm monitoring. **Consumer   services** may feature Internet,
telephony, video-on-demand, content and smart appliances. Both baskets of
 services   will   be   achieved   **using**   Ambient's   **Powerline**
 Telecommunications technology (PLT) across electrical **powerlines** and
using existing infrastructure.
     Last November Ambient jointly announced with Consolidated Edison of
New York...

 24/3,K/40   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
02861559 642332741
**Facilitating knowledge sharing in Russian and Chinese subsidiaries: the
role of personal networks and group membership**
Hutchings, Kate; Michailova, Snejina
Journal of Knowledge Management v8n2 PP: 84-94 2004
ISSN: 1367-3270 JRNL CODE: JOKM
WORD COUNT: 6682

...TEXT: a great extent, the result of dealing with the permanent shortage
of any kind of **resources** and **consumer** goods, poor quality and terrible
delays in **service** and as such, blat was an essential lubricant of life.
Blat opened doors, forbidden doors...

...networks with their connections. According to Neidhart (2002) these
favor banks did not keep formal **accounts** ; the books **balanced**
automatically . If someone contributed too little to the network, one lost
one's "credit-worthiness". No...

...the environment. There were no dramatic changes or revolutionary
transformations. Thus, it was not a **problem** to wait for a returned favor.
It would be misleading to believe that **informal** networks are merely a
remainder of central planning. They have their cultural roots that are...

 24/3,K/41   (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
00676468 93-25689
Eye on the future
Reznicek, Bernard W; Long, John T; Sherer, Harold N Jr; Sans Crainte,
Charles V; et al
Transmission & Distribution v45n1 PP: 34-58 Jan 1993

ISSN: 0041-1280 JRNL CODE: TMD
WORD COUNT: 10405

...TEXT: one-yr power quality pilot project whereby a full-time engineer is
assigned to customer **problems** . Monthly meetings are held with commercial
and industrial customers. Seminars are scheduled to **inform** customers
about how to protect their electrical systems and upgrade their equipment
before trouble arises...and provide new services.

Technology will be our ally in 1993 and beyond. From providing **automated**
customer **account** **balance** information to detecting the location of
lightning strikes, Union Electric Co. relies on automation to deliver
responsive **service** . **Using** technology, we are "personalizing" our
service , while increasing reliability and efficiency.

However, the key to achieving this increase is to enhance...

 24/3,K/42   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2009 Gale/Cengage. All rts. reserv.
04605326   SUPPLIER NUMBER: 08519638   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Audit software eliminates unnecessary charges. (medical care)
Graff, Corlet
Risk Management, v37, n5, p53(4)
May, 1990
ISSN: 0035-5593   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 2226   LINE COUNT: 00176

...   exception, noting the need for specific medical knowledge. For
example, in the case of surgery **bills** , the system **automatically**
suspends the **bill** for later review and **resolution** by a registered
nurse. Experience has shown that 10 percent to 20 percent of these **bills**
require the attention of registered nurses.
     Once the system and auditor have determined that the **alert** the bill
auditor to potential or known billing **problems** . In some cases this
technique is used to route all bills from a provider directly...

...from a red-flag provider, the system automatically displays a red screen
with instructions to **alert** the bill auditor to potential or known billing
 problems . In some cases this technique is used to route all bills from a
provider directly...

 24/3,K/43   (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2009 McGraw-Hill Co. Inc. All rts. reserv.
01198446
POWER-LINE, REFINING ADVANCES TAKE PLACE AT DOE'S IDAHO LAB
Bill Loveless
Federal Technology Report, Vol. 9, No. 9, Pg 5
September 6, 2001
JOURNAL CODE: TTR
SECTION HEADING: FEDERAL LABS ISSN: 1042-9158/9
WORD COUNT: 920

TEXT:

...Ambient's technology facilitates the transfer of Internet and high-speed data through ordinary electric **power lines** , the company said. Ambient plans to partner with utilities and **power** companies to create combinations of utility and **consumer services** . The utility **services** would include **automatic** meter reading, load switching and **balancing** , demand management, outage reporting, real-time **billing** , and alarm monitoring, Ambient said.

Consumer services would include Internet access, telephone calls, video-on...

 24/3,K/44   (Item 2 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2009 McGraw-Hill Co. Inc. All rts. reserv.
1169672
Promise of power line technology still some distance away in the U.S.
Retail Services Report, Vol. 4, No. 4, Pg 15
April 13, 2001
JOURNAL CODE: RS
SECTION HEADING: TECHNOLOGY
WORD COUNT: 749

TEXT:

...and regulatory support to Ambient.

Ambient is also working with Cisco Systems to develop new **powerline** technology. And last summer, it started working with New York's Consolidated Edison, its only utility partner so far. Ambient says its technology would allow utilities to perform **automatic** meter reading, load switching/ **balancing** , demand management, outage reporting, real-time **billing** and alarm monitoring through the **power lines** . Utilities could also offer **consumer services** like Internet, telephony, video-on-demand, content, and smart appliances.
TABLE:

IV. Additional Resources Searched

NEXIS -

(((resource* or power or service* or water or electricity or telephone or gas or energy or coal or hydroelectric or liquid w/2 (product* or fuel*)) w/10 (consum! or consumption or use or uses or used or using or usage or utiliz!)) w/30 ((automatic or automatically or automated) w/5 ((reconcil! or settl! or settlement* or resovl! or resolution* or balanc!) w/15 (record or records or notice or notices or bill or bills or billing* or statement or statements or account or accounts or log or logs)))) and DATE(<2004-03-26)

No relevant results.